

# Montgomery County HIV/AIDS Epidemiological Profile

Fourth Quarter 2008

Data reported through December 31, 2008



Center for HIV Surveillance and Epidemiology  
Infectious Disease and Environmental Health Administration  
Maryland Department of Health and Mental Hygiene  
<http://eh.dhmh.md.gov/ideah/default.aspx>  
1-800-358-9001



## HIV/AIDS Reporting Requirements

The Maryland HIV/AIDS Reporting Act of 2007 became law on April 24, 2007. The law expanded HIV/AIDS reporting and required that HIV cases be reported by name.

- Physicians are required to report patients in their care with diagnoses of HIV or AIDS immediately to the Local Health Department where the physician's office is located using DHMH Form 1140.
- Physicians are required to report infants born to HIV positive mothers within 48 hours to the State Health Department using DHMH Form 1140.
- Clinical and infection control practitioners in hospitals, nursing homes, hospice facilities, medical clinics in correctional facilities, inpatient psychiatric facilities, and inpatient drug rehabilitation facilities are required to report patients in the care of the institution with diagnoses of HIV or AIDS within 48 hours to the Local Health Department where the institution is located using DHMH Form 1140.
- Laboratory directors are required to report patients with laboratory results indicating HIV infection (HIV antibody tests, CD4 immunological tests, HIV viral load tests, HIV genotype and phenotype tests) within 48 hours to the Local Health Department where the laboratory is located, or if out of state to the State Health Department, using DHMH Form 4492.

**For assistance with HIV reporting**, including establishment of routine, electronic, or other alternate methods of reporting to the Health Department, please contact the Center for HIV Surveillance and Epidemiology at the Maryland Department of Health and Mental Hygiene (410-767-5061).

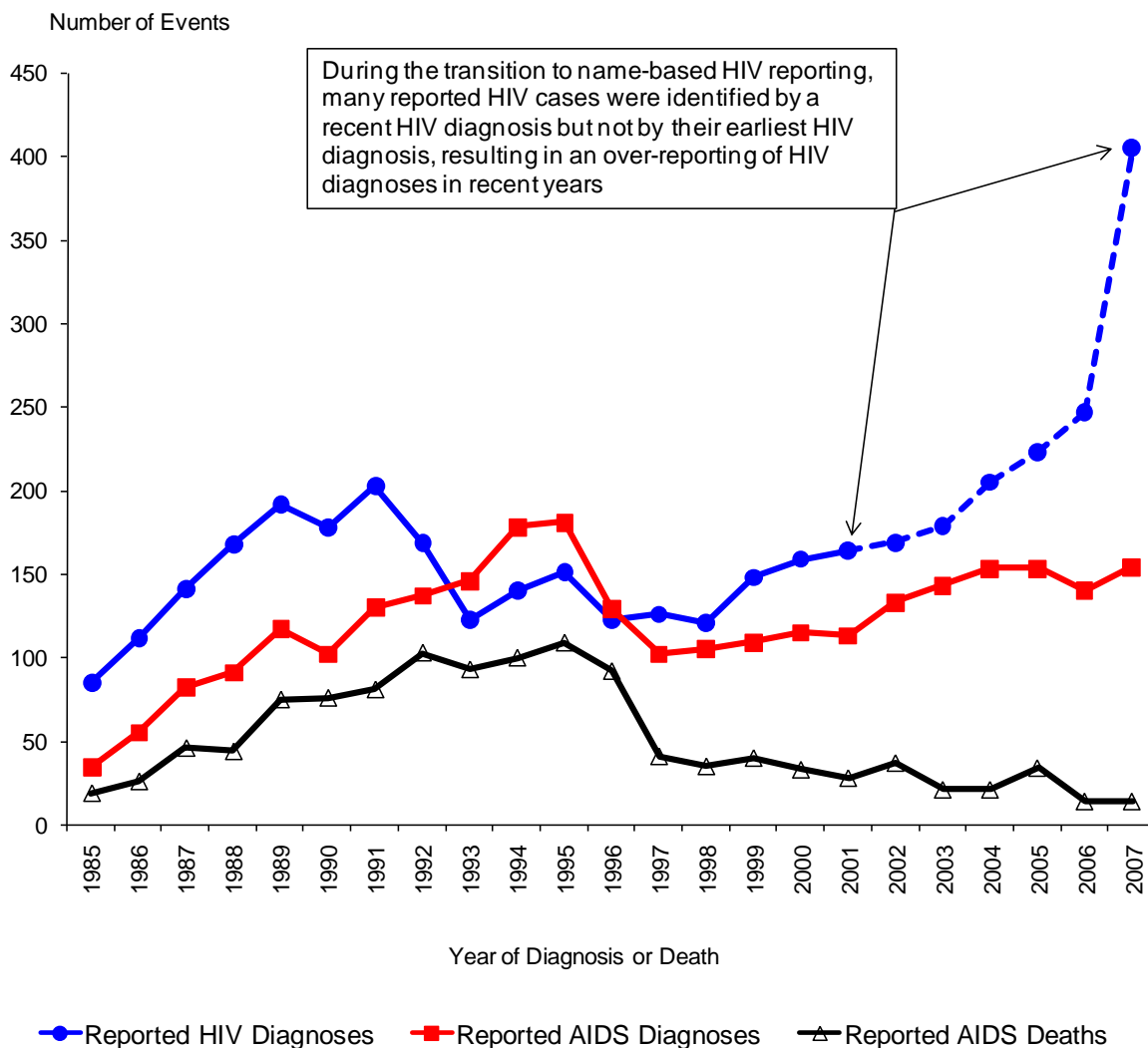
## Changes in the HIV/AIDS Epidemiological Profile

Despite a massive effort during which over 17,000 HIV cases were reported from April 24, 2007 through December 31, 2008, not all HIV cases previously reported by the code-based identifier were located and re-reported by name, so the number of living HIV cases is lower than previously reported. In addition, many of the re-reported HIV cases were identified by a recent diagnosis and not by their earliest diagnosis, resulting in an over-reporting of HIV diagnoses in recent years.

This epidemiological profile has been expanded and modified from prior profiles, and only contains HIV and AIDS data as reported by name. There is greater use of rates and population ratios and more exposure category data. The terminology has been changed to be more precise, with Reported Diagnoses replacing Incidence and Living Cases replacing Prevalence.

## Section I – Trends in Reported HIV and AIDS Diagnoses and Deaths, 1985-2007

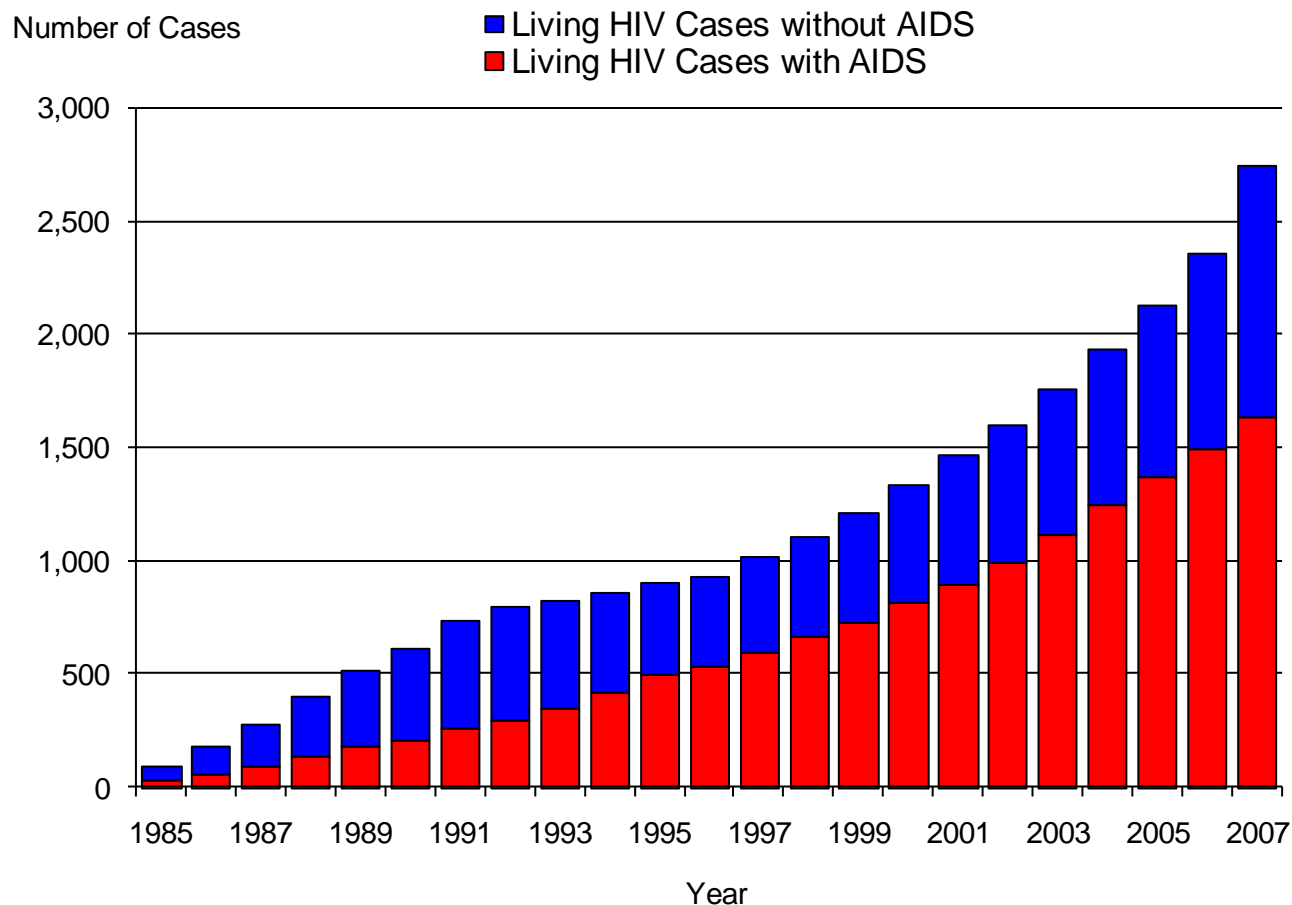
Reported HIV Cases with or without an AIDS Diagnosis (Reported HIV Diagnoses) by Year of HIV Diagnosis, Reported HIV Cases with an AIDS Diagnosis (Reported AIDS Diagnosis) by Year of AIDS Diagnosis, and Reported HIV Cases with an AIDS Diagnosis Reported to have Died of Any Cause (Reported AIDS Deaths) by Year of Death, from 1985 through 2007 as Reported by Name through 12/31/08.



YEAR	Reported			YEAR	Reported			YEAR	Reported		
	HIV Diag.	AIDS Diag.	AIDS Death		HIV Diag.	AIDS Diag.	AIDS Death		HIV Diag.	AIDS Diag.	AIDS Death
1985	85	34	19	1993	123	146	93	2001	164	113	28
1986	112	55	26	1994	140	178	100	2002	169	133	37
1987	141	82	46	1995	151	181	109	2003	179	143	21
1988	168	91	44	1996	123	129	92	2004	205	153	21
1989	192	117	75	1997	126	102	41	2005	223	153	34
1990	178	102	76	1998	121	105	35	2006	247	140	14
1991	203	130	81	1999	148	109	40	2007	405	154	14
1992	169	137	103	2000	159	115	33				

## Section II – Trends in Living HIV and AIDS Cases, 1985-2007

Reported HIV Cases with or without an AIDS Diagnosis and Not Reported to have Died as of December 31<sup>st</sup> of Each Year from 1985 through 2007 as Reported by Name through 12/31/08

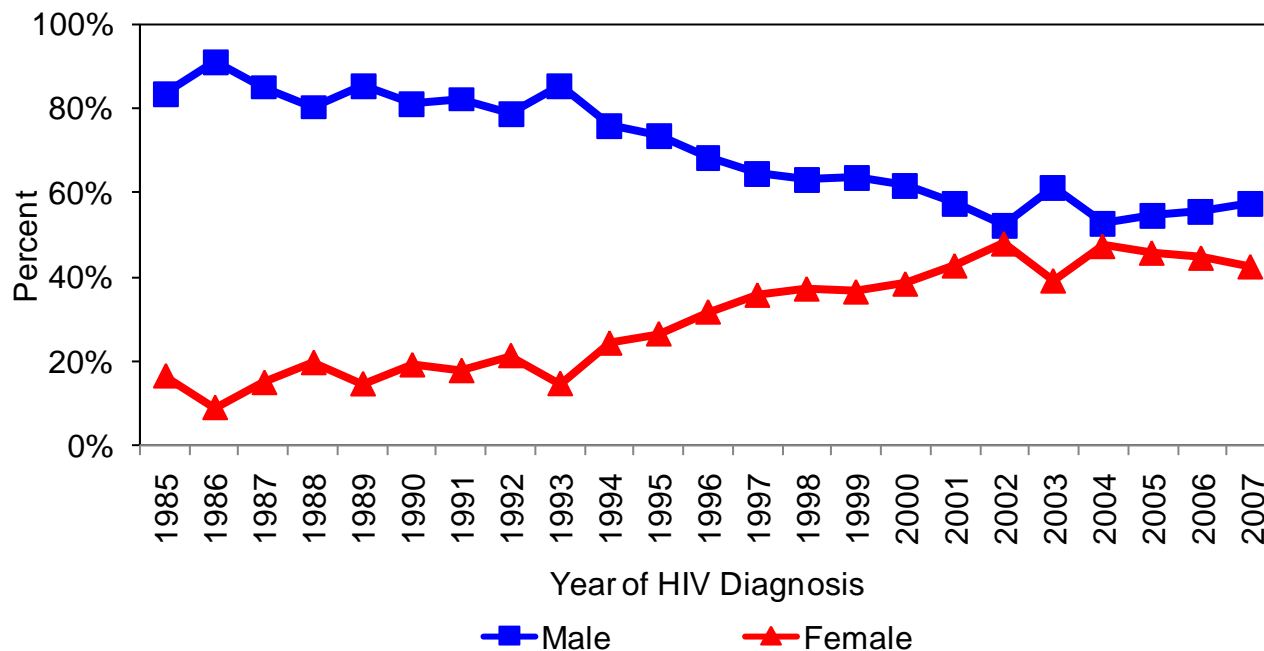


YEAR	Living HIV Cases without AIDS*	Living HIV Cases with AIDS	Total Living HIV Cases*	YEAR	Living HIV Cases without AIDS*	Living HIV Cases with AIDS	Total Living HIV Cases*
1985	67	22	89	1997	424	586	1,010
1986	124	51	175	1998	440	656	1,096
1987	183	87	270	1999	477	725	1,202
1988	260	134	394	2000	521	807	1,328
1989	333	176	509	2001	570	892	1,462
1990	407	202	609	2002	603	988	1,591
1991	477	251	728	2003	640	1,110	1,750
1992	506	285	791	2004	691	1,242	1,933
1993	478	338	816	2005	762	1,361	2,123
1994	437	416	853	2006	867	1,487	2,354
1995	407	488	895	2007	1,115	1,627	2,742
1996	402	525	927				

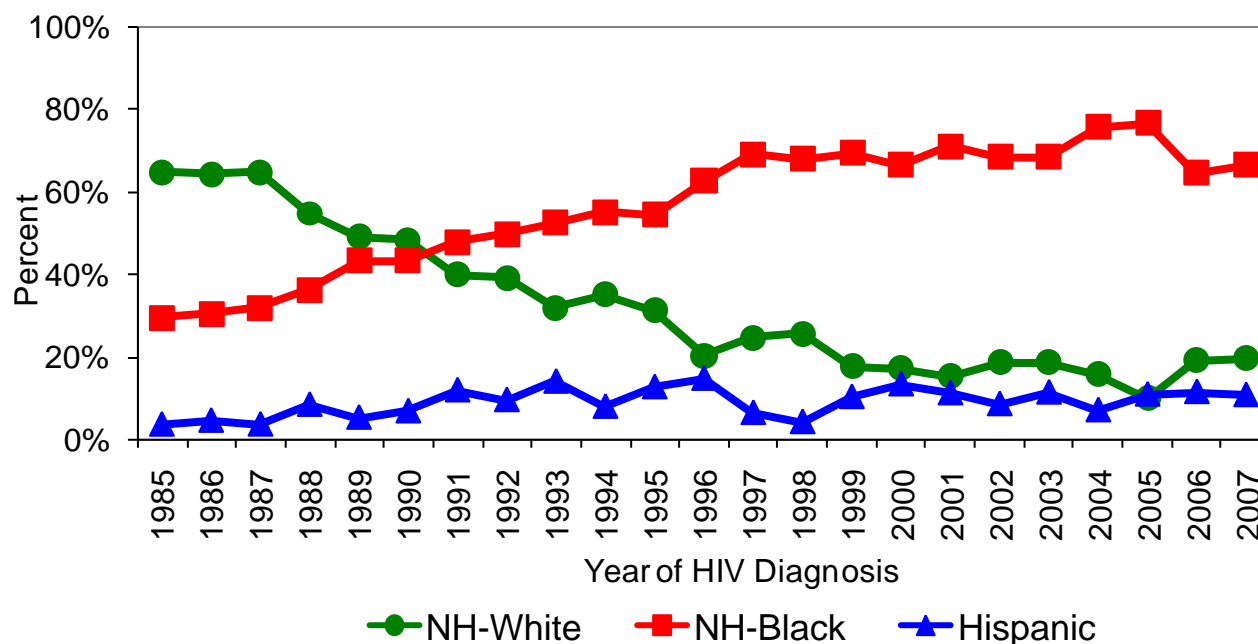
\* During the transition to name-based HIV reporting, not all code-based HIV cases were located and re-reported, therefore the number of living HIV cases without AIDS and the total living HIV cases are lower than previously reported

### Section III – Trends in Reported HIV Diagnoses by Demographics and Exposure Category, 1985-2007

Proportions by Gender of Reported HIV Cases with or without an AIDS Diagnosis by Year of HIV Diagnosis from 1985 through 2007 as Reported by Name through 12/31/08

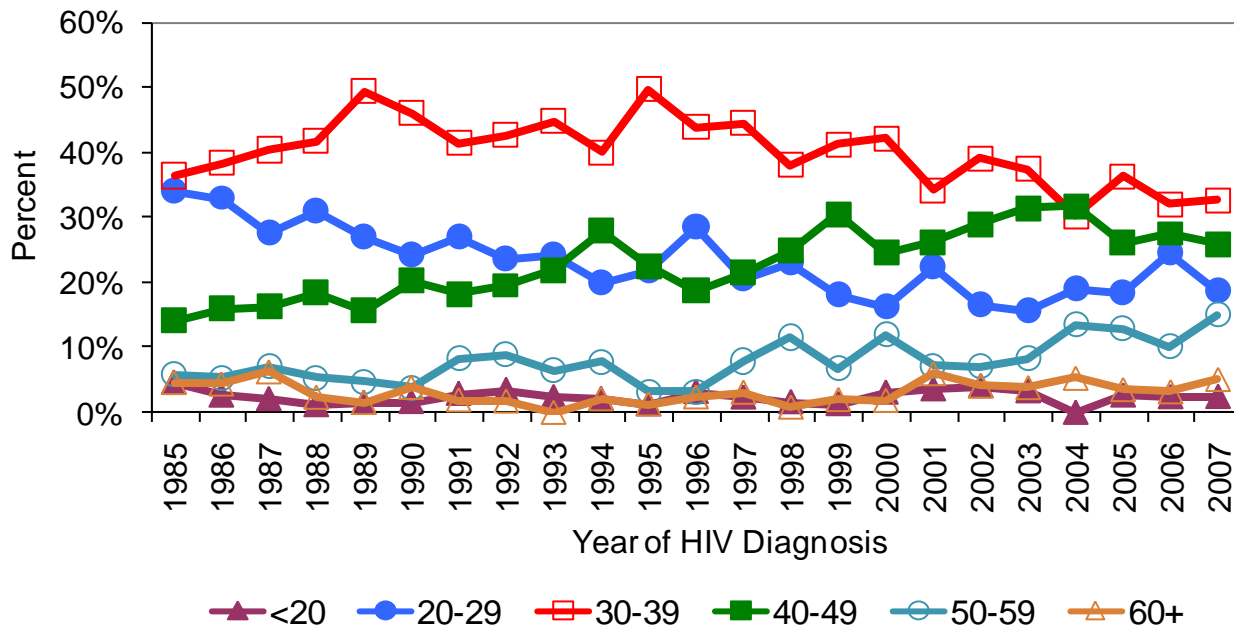


Proportions by Race/Ethnicity\* of Reported HIV Cases with or without an AIDS Diagnosis by Year of HIV Diagnosis from 1985 through 2007 as Reported by Name through 12/31/08

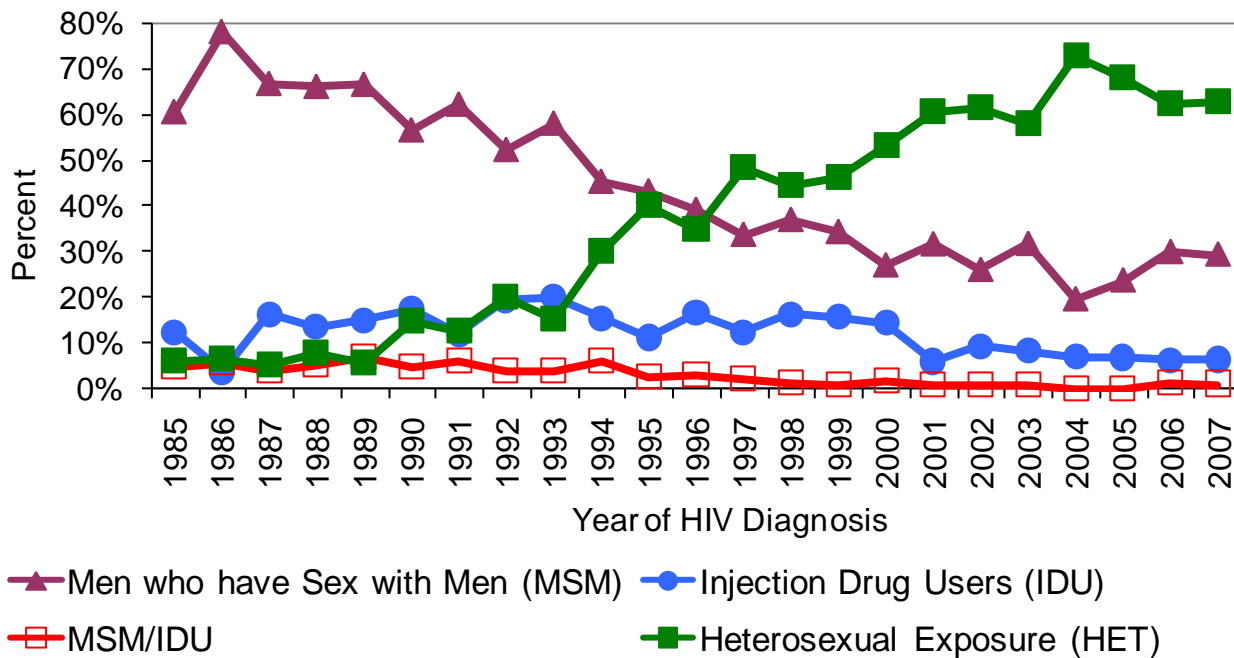


\* Cases with missing race/ethnicity were excluded from percent distributions. Other race category not shown.

**Proportions by Age at Diagnosis of Reported HIV Cases with or without an AIDS Diagnosis by Year of HIV Diagnosis from 1985 through 2007 as Reported by Name through 12/31/08**



**Proportions by Exposure Category\* of Reported HIV Cases with or without an AIDS Diagnosis and with Reported Exposure Category by Year of HIV Diagnosis from 1985 through 2007 as Reported by Name through 12/31/08**



\* Cases with no reported exposure category were excluded from percent distributions. Other exposure category not shown.

## Section IV – HIV and AIDS Case Diagnoses by ZIP Code, 2007

Reported HIV Cases with or without an AIDS Diagnosis, Diagnosed with HIV during 1/1/07-12/31/07 (Reported HIV Diagnoses) and Reported HIV Cases with an AIDS Diagnosis, Diagnosed with AIDS during 1/1/07-12/31/07 (Reported AIDS Diagnoses) as Reported by Name through 12/31/08

ZIP CODE	Population <sup>a</sup>	Reported HIV Diagnoses <sup>b</sup>			Reported AIDS Diagnoses		
	No.	No.	%	Rate <sup>c</sup>	No.	%	Rate <sup>c</sup>
20707	119	0	0.0%	0.0	0	0.0%	0.0
20783	1,143	0	0.0%	0.0	0	0.0%	0.0
20812	258	0	0.0%	0.0	0	0.0%	0.0
20814	27,241	2	0.5%	7.3	1	0.7%	3.7
20815	30,094	3	0.8%	10.0	1	0.7%	3.3
20816	16,419	1	0.3%	6.1	1	0.7%	6.1
20817	37,844	3	0.8%	7.9	1	0.7%	2.6
20818	2,142	0	0.0%	0.0	0	0.0%	0.0
20832	26,211	4	1.0%	15.3	2	1.3%	7.6
20833	6,806	1	0.3%	14.7	0	0.0%	0.0
20837	6,517	0	0.0%	0.0	0	0.0%	0.0
20838	216	0	0.0%	0.0	0	0.0%	0.0
20839	124	0	0.0%	0.0	0	0.0%	0.0
20841	2,183	2	0.5%	91.6	1	0.7%	45.8
20842	1,488	0	0.0%	0.0	0	0.0%	0.0
20850	36,175	11	2.8%	30.4	4	2.7%	11.1
20851	14,055	3	0.8%	21.3	0	0.0%	0.0
20852	37,684	7	1.8%	18.6	2	1.3%	5.3
20853	29,935	7	1.8%	23.4	2	1.3%	6.7
20854	49,864	5	1.3%	10.0	1	0.7%	2.0
20855	18,597	5	1.3%	26.9	1	0.7%	5.4
20860	1,349	1	0.3%	74.1	1	0.7%	74.1
20861	1,905	0	0.0%	0.0	0	0.0%	0.0
20862	346	0	0.0%	0.0	0	0.0%	0.0
20866	12,365	6	1.5%	48.5	5	3.3%	40.4
20868	295	0	0.0%	0.0	0	0.0%	0.0
20871	2,634	6	1.5%	227.8	2	1.3%	75.9
20872	13,029	2	0.5%	15.4	1	0.7%	7.7
20874	53,065	23	5.9%	43.3	6	4.0%	11.3
20876	23,968	9	2.3%	37.6	1	0.7%	4.2
20877	32,480	24	6.1%	73.9	13	8.7%	40.0
20878	59,483	10	2.6%	16.8	6	4.0%	10.1
20879	23,695	9	2.3%	38.0	3	2.0%	12.7
20880	522	0	0.0%	0.0	0	0.0%	0.0
20882	13,125	2	0.5%	15.2	1	0.7%	7.6
20886	35,447	9	2.3%	25.4	2	1.3%	5.6
20895	20,173	2	0.5%	9.9	1	0.7%	5.0
20896	645	0	0.0%	0.0	0	0.0%	0.0
20901	36,430	23	5.9%	63.1	10	6.7%	27.4
20902	45,820	36	9.2%	78.6	14	9.3%	30.6
20903	19,885	21	5.4%	105.6	6	4.0%	30.2
20904	52,717	38	9.7%	72.1	14	9.3%	26.6
20905	19,510	3	0.8%	15.4	3	2.0%	15.4
20906	65,865	37	9.4%	56.2	11	7.3%	16.7
20910	38,365	38	9.7%	99.0	10	6.7%	26.1
20912	22,924	39	9.9%	170.1	23	15.3%	100.3
21771	334	0	0.0%	0.0	0	0.0%	0.0
Missing <sup>d</sup>		13			4		
MONTGOMERY TOTAL	941,491	405	100.0%	43.0	154	100.0%	16.4

- a Population is extrapolated from the 2000 Census by ZIP and the July 1, 2007 Census Population Estimates by county
- b During the transition to name-based HIV reporting, many reported HIV cases were identified by a recent HIV diagnosis, but not by their earliest HIV diagnosis, resulting in an over-reporting of HIV diagnoses in recent years
- c Rate is number of cases per 100,000 population
- d Cases with missing jurisdiction were excluded from percent distributions

## Section V – Living HIV and AIDS Cases by ZIP Code, Alive on 12/31/2007

Reported HIV Cases with or without an AIDS Diagnosis and Not Reported to Have Died as of 12/31/07 as Reported by Name through 12/31/08

ZIP CODE	Popu- lation <sup>a</sup>	Living HIV Cases without AIDS <sup>b</sup>			Living HIV Cases with AIDS			Total Living HIV Cases <sup>b</sup>			
	No.	No.	%	Rate <sup>c</sup>	No.	%	Rate <sup>c</sup>	No.	%	Rate <sup>c</sup>	Ratio <sup>d</sup> (1 in X)
20707	119	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	---
20783	1,143	1	0.1%	87.5	0	0.0%	0.0	1	0.0%	87.5	1,143
20812	258	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	---
20814	27,241	8	0.7%	29.4	24	1.5%	88.1	32	1.2%	117.5	851
20815	30,094	14	1.3%	46.5	14	0.9%	46.5	28	1.1%	93.0	1,074
20816	16,419	4	0.4%	24.4	11	0.7%	67.0	15	0.6%	91.4	1,094
20817	37,844	12	1.1%	31.7	17	1.1%	44.9	29	1.1%	76.6	1,304
20818	2,142	0	0.0%	0.0	3	0.2%	140.1	3	0.1%	140.1	714
20832	26,211	12	1.1%	45.8	9	0.6%	34.3	21	0.8%	80.1	1,248
20833	6,806	1	0.1%	14.7	2	0.1%	29.4	3	0.1%	44.1	2,268
20837	6,517	1	0.1%	15.3	3	0.2%	46.0	4	0.2%	61.4	1,629
20838	216	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	---
20839	124	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	---
20841	2,183	4	0.4%	183.2	1	0.1%	45.8	5	0.2%	229.0	436
20842	1,488	2	0.2%	134.4	1	0.1%	67.2	3	0.1%	201.6	496
20850	36,175	28	2.6%	77.4	36	2.3%	99.5	64	2.4%	176.9	565
20851	14,055	14	1.3%	99.6	10	0.6%	71.1	24	0.9%	170.8	585
20852	37,684	46	4.2%	122.1	40	2.5%	106.1	86	3.2%	228.2	438
20853	29,935	20	1.8%	66.8	31	2.0%	103.6	51	1.9%	170.4	586
20854	49,864	26	2.4%	52.1	26	1.7%	52.1	52	2.0%	104.3	958
20855	18,597	13	1.2%	69.9	11	0.7%	59.1	24	0.9%	129.1	774
20860	1,349	1	0.1%	74.1	5	0.3%	370.6	6	0.2%	444.8	224
20861	1,905	2	0.2%	105.0	4	0.3%	210.0	6	0.2%	315.0	317
20862	346	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	---
20866	12,365	19	1.7%	153.7	21	1.3%	169.8	40	1.5%	323.5	309
20868	295	0	0.0%	0.0	1	0.1%	339.0	1	0.0%	339.0	295
20871	2,634	5	0.5%	189.8	6	0.4%	227.8	11	0.4%	417.6	239
20872	13,029	6	0.5%	46.1	7	0.4%	53.7	13	0.5%	99.8	1,002
20874	53,065	68	6.2%	128.1	65	4.1%	122.5	133	5.0%	250.6	398
20876	23,968	25	2.3%	104.3	20	1.3%	83.4	45	1.7%	187.8	532
20877	32,480	46	4.2%	141.6	80	5.1%	246.3	126	4.7%	387.9	257
20878	59,483	37	3.4%	62.2	55	3.5%	92.5	92	3.5%	154.7	646
20879	23,695	26	2.4%	109.7	43	2.7%	181.5	69	2.6%	291.2	343
20880	522	0	0.0%	0.0	1	0.1%	191.6	1	0.0%	191.6	522
20882	13,125	2	0.2%	15.2	3	0.2%	22.9	5	0.2%	38.1	2,625
20886	35,447	29	2.7%	81.8	41	2.6%	115.7	70	2.6%	197.5	506
20895	20,173	9	0.8%	44.6	28	1.8%	138.8	37	1.4%	183.4	545
20896	645	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	---
20901	36,430	56	5.1%	153.7	96	6.1%	263.5	152	5.7%	417.2	239
20902	45,820	92	8.4%	200.8	123	7.8%	268.4	215	8.1%	469.2	213
20903	19,885	44	4.0%	221.3	90	5.7%	452.6	134	5.0%	673.9	148
20904	52,717	113	10.3%	214.4	164	10.4%	311.1	277	10.4%	525.4	190
20905	19,510	10	0.9%	51.3	17	1.1%	87.1	27	1.0%	138.4	722
20906	65,865	99	9.0%	150.3	145	9.2%	220.1	244	9.2%	370.5	269
20910	38,365	111	10.1%	289.3	163	10.4%	424.9	274	10.3%	714.2	140
20912	22,924	88	8.0%	383.9	154	9.8%	671.8	242	9.1%	1,055.7	94
21771	334	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	---
Missing <sup>e</sup>		21			56			77			
MONTGOMERY TOTAL	941,491	1,115	100.0%	118.4	1,627	100.0%	172.8	2,742	100.0%	291.2	343



- a Population is extrapolated from the 2000 Census by ZIP and the July 1, 2007 Census Population Estimates by county
- b During the transition to name-based HIV reporting, not all code-based HIV cases were located and re-reported, therefore the number of living HIV cases without AIDS and the total living HIV cases are lower than previously reported
- c Rate is number of cases per 100,000 population
- d Ratio is number of people per case (there was 1 case for every 343 people in Montgomery County)
- e Cases with missing jurisdiction were excluded from percent distributions

## Section VI – HIV and AIDS Case Diagnoses by Demographics, 2007

Reported HIV Cases with or without an AIDS Diagnosis, Diagnosed with HIV during 1/1/07-12/31/07 (Reported HIV Diagnoses) and Reported HIV Cases with an AIDS Diagnosis, Diagnosed with AIDS during 1/1/07-12/31/07 (Reported AIDS Diagnoses) as Reported by Name through 12/31/08

GENDER	Population <sup>a</sup>	Reported HIV Diagnoses <sup>b</sup>			Reported AIDS Diagnoses		
	No.	No.	%	Rate <sup>c</sup>	No.	%	Rate <sup>c</sup>
Male	453,327	233	57.5%	51.4	90	58.4%	19.9
Female	488,164	172	42.5%	35.2	64	41.6%	13.1
GENDER TOTAL	941,491	405	100.0%	43.0	154	100.0%	16.4

RACE/ETHNICITY	Population <sup>a</sup>	Reported HIV Diagnoses <sup>b</sup>			Reported AIDS Diagnoses		
	No.	No.	%	Rate <sup>c</sup>	No.	%	Rate <sup>c</sup>
Non-Hispanic White	515,568	79	19.6%	15.3	29	18.8%	5.6
Non-Hispanic Black	148,411	268	66.5%	180.6	100	64.9%	67.4
Hispanic	134,803	43	10.7%	31.9	24	15.6%	17.8
Other	142,709	13	3.2%	9.1	1	0.6%	0.7
Missing <sup>d</sup>		2					
RACE/ETHNICITY TOTAL	941,491	405	100.0%	43.0	154	100.0%	16.4

AGE AT DIAGNOSIS	Population <sup>a</sup>	Reported HIV Diagnoses <sup>b</sup>			Reported AIDS Diagnoses		
	No.	No.	%	Rate <sup>c</sup>	No.	No.	Rate <sup>c</sup>
<5 (Pediatric)	66,061	0	0.0%	0.0	0	0.0%	0.0
5-12 (Pediatric)	98,007	1	0.2%	1.0	0	0.0%	0.0
13-19	86,727	9	2.2%	10.4	1	0.6%	1.2
20-29	105,214	76	18.8%	72.2	24	15.6%	22.8
30-39	125,645	132	32.6%	105.1	57	37.0%	45.4
40-49	156,270	105	25.9%	67.2	39	25.3%	25.0
50-59	138,962	61	15.1%	43.9	25	16.2%	18.0
60+	164,605	21	5.2%	12.8	8	5.2%	4.9
AGE TOTAL	941,491	405	100.0%	43.0	154	100.0%	16.4

a Population is from the July 1, 2007 Census Population Estimates

b During the transition to name-based HIV reporting, many reported HIV cases were identified by a recent HIV diagnosis, but not by their earliest HIV diagnosis, resulting in an over-reporting of HIV diagnoses in recent years

c Rate is number of cases per 100,000 population

d Cases with missing race/ethnicity were excluded from percent distributions

## Section VII – Living HIV and AIDS Cases by Demographics, Alive on 12/31/2007

Reported HIV Cases with or without an AIDS Diagnosis and Not Reported to Have Died as of 12/31/07 as Reported by Name through 12/31/08

GENDER	Popu- lation <sup>a</sup>	Living HIV Cases without AIDS <sup>b</sup>			Living HIV Cases with AIDS			Total Living HIV Cases <sup>b</sup>			
	No.	No.	%	Rate <sup>c</sup>	No.	%	Rate <sup>c</sup>	No.	%	Rate <sup>c</sup>	Ratio <sup>d</sup> (1 in X)
Male	453,327	657	58.9%	144.9	1,050	64.5%	231.6	1,707	62.3%	376.5	265
Female	488,164	458	41.1%	93.8	577	35.5%	118.2	1,035	37.7%	212.0	471
GENDER TOTAL	941,491	1,115	100.0%	118.4	1,627	100.0%	172.8	2,742	100.0%	291.2	343

RACE/ ETHNICITY	Popu- lation <sup>a</sup>	Living HIV Cases without AIDS <sup>b</sup>			Living HIV Cases with AIDS			Total Living HIV Cases <sup>b</sup>			
	No.	No.	%	Rate <sup>c</sup>	No.	%	Rate <sup>c</sup>	No.	%	Rate <sup>c</sup>	Ratio <sup>d</sup> (1 in X)
Non-Hispanic White	515,568	258	23.6%	50.0	354	21.8%	68.7	612	22.5%	118.7	842
Non-Hispanic Black	148,411	700	64.0%	471.7	1,044	64.2%	703.5	1,744	64.1%	1,175.1	85
Hispanic	134,803	91	8.3%	67.5	201	12.4%	149.1	292	10.7%	216.6	461
Other	142,709	45	4.1%	31.5	28	1.7%	19.6	73	2.7%	51.2	1,954
Missing <sup>e</sup>		21						21			
RACE/ ETHNICITY TOTAL	941,491	1,115	100.0%	118.4	1,627	100.0%	172.8	2,742	100.0%	291.2	343

AGE ON 12/31/07	Popu- lation <sup>a</sup>	Living HIV Cases without AIDS <sup>b</sup>			Living HIV Cases with AIDS			Total Living HIV Cases <sup>b</sup>			
	No.	No.	%	Rate <sup>c</sup>	No.	%	Rate <sup>c</sup>	No.	%	Rate <sup>c</sup>	Ratio <sup>d</sup> (1 in X)
<5 (Pediatric)	66,061	1	0.1%	1.5	0	0.0%	0.0	1	0.0%	1.5	66,061
5-12 (Pediatric)	98,007	7	0.6%	7.1	4	0.2%	4.1	11	0.4%	11.2	8,909
13-19	86,727	14	1.3%	16.1	9	0.6%	10.4	23	0.8%	26.5	3,770
20-29	105,214	135	12.1%	128.3	96	5.9%	91.2	231	8.4%	219.6	455
30-39	125,645	326	29.2%	259.5	398	24.5%	316.8	724	26.4%	576.2	173
40-49	156,270	380	34.1%	243.2	626	38.5%	400.6	1,006	36.7%	643.8	155
50-59	138,962	196	17.6%	141.0	380	23.4%	273.5	576	21.0%	414.5	241
60+	164,605	56	5.0%	34.0	114	7.0%	69.3	170	6.2%	103.3	968
AGE TOTAL	941,491	1,115	100.0%	118.4	1,627	100.0%	172.8	2,742	100.0%	291.2	343

a Population is from the July 1, 2007 Census Population Estimates

b During the transition to name-based HIV reporting, not all code-based HIV cases were located and re-reported, therefore the number of living HIV cases without AIDS and the total living HIV cases are lower than previously reported

c Rate is number of cases per 100,000 population

d Ratio is number of people per case (there was 1 case for every 343 people in Montgomery County)

e Cases with missing race/ethnicity were excluded from percent distributions

## Section VIII – Total Living HIV Cases by Expanded Demographics, Alive on 12/31/2007

Male Reported HIV Cases with or without an AIDS Diagnosis and Not Reported to Have Died as of 12/31/07 as Reported by Name through 12/31/08

MALES						
AGE ON 12/31/07		RACE/ETHNICITY				TOTAL MALES BY AGE <sup>a</sup>
		Non-Hispanic White	Non-Hispanic Black	Hispanic	Other	
<13 (Pediatric)	Population <sup>b</sup>	39,063	14,043	16,904	13,741	83,751
	Cases <sup>c</sup>	0	6	0	1	9
	Rate <sup>d</sup>	0.0	42.7	0.0	7.3	10.7
	Ratio (1 in X) <sup>e</sup>	---	2,340	---	13,741	9,305
13-19	Population <sup>b</sup>	23,674	7,435	7,135	6,509	44,753
	Cases <sup>c</sup>	1	8	1	0	10
	Rate <sup>d</sup>	4.2	107.6	14.0	0.0	22.3
	Ratio (1 in X) <sup>e</sup>	23,674	929	7,135	---	4,475
20-29	Population <sup>b</sup>	23,927	10,136	11,674	7,871	53,608
	Cases <sup>c</sup>	28	54	20	3	105
	Rate <sup>d</sup>	117.0	532.8	171.3	38.1	195.9
	Ratio (1 in X) <sup>e</sup>	854	187	583	2,623	510
30-39	Population <sup>b</sup>	26,605	9,962	12,307	11,192	60,066
	Cases <sup>c</sup>	70	203	72	17	364
	Rate <sup>d</sup>	263.1	2,037.7	585.0	151.9	606.0
	Ratio (1 in X) <sup>e</sup>	380	49	170	658	165
40-49	Population <sup>b</sup>	41,235	11,677	10,077	11,330	74,319
	Cases <sup>c</sup>	218	369	83	22	697
	Rate <sup>d</sup>	528.7	3,160.1	823.7	194.2	937.8
	Ratio (1 in X) <sup>e</sup>	189	31	121	515	106
50-59	Population <sup>b</sup>	42,914	8,132	5,843	8,654	65,543
	Cases <sup>c</sup>	139	214	42	7	404
	Rate <sup>d</sup>	323.9	2,631.6	718.8	80.9	616.4
	Ratio (1 in X) <sup>e</sup>	308	38	139	1,236	162
60+	Population <sup>b</sup>	50,984	6,790	4,189	9,324	71,287
	Cases <sup>c</sup>	47	59	10	2	118
	Rate <sup>d</sup>	92.2	868.9	238.7	21.5	165.5
	Ratio (1 in X) <sup>e</sup>	1,084	115	418	4,662	604
TOTAL MALES BY RACE/ ETHNICITY	Population <sup>b</sup>	248,402	68,175	68,129	68,621	453,327
	Cases <sup>c</sup>	503	913	228	52	1,707
	Rate <sup>d</sup>	202.5	1,339.2	334.7	75.8	376.5
	Ratio (1 in X) <sup>e</sup>	493	74	298	1,319	265

a Includes missing race/ethnicity

b Population is from the July 1, 2007 Census Population Estimates

c During the transition to name-based HIV reporting, not all code-based HIV cases were located and re-reported, therefore the number of living HIV cases without AIDS and the total living HIV cases are lower than previously reported

d Rate is number of cases per 100,000 population

e Ratio is number of people per case (there was 1 case for every 265 males in Montgomery County)

**Female Reported HIV Cases with or without an AIDS Diagnosis and Not Reported to Have Died as of 12/31/07 as Reported by Name through 12/31/08**

FEMALES						
AGE ON 12/31/07		RACE/ETHNICITY				TOTAL FEMALES BY AGE <sup>a</sup>
		Non-Hispanic White	Non-Hispanic Black	Hispanic	Other	
<13 (Pediatric)	Population <sup>b</sup>	37,234	13,414	16,325	13,344	80,317
	Cases <sup>c</sup>	0	3	0	0	3
	Rate <sup>d</sup>	0.0	22.4	0.0	0.0	3.7
	Ratio (1 in X) <sup>e</sup>	---	4,471	---	---	26,772
13-19	Population <sup>b</sup>	21,686	7,498	6,645	6,145	41,974
	Cases <sup>c</sup>	2	11	0	0	13
	Rate <sup>d</sup>	9.2	146.7	0.0	0.0	31.0
	Ratio (1 in X) <sup>e</sup>	10,843	681	---	---	3,228
20-29	Population <sup>b</sup>	23,593	10,623	9,348	8,042	51,606
	Cases <sup>c</sup>	15	98	12	1	126
	Rate <sup>d</sup>	63.6	922.5	128.4	12.4	244.2
	Ratio (1 in X) <sup>e</sup>	1,572	108	779	8,042	409
30-39	Population <sup>b</sup>	28,750	13,247	10,610	12,972	65,579
	Cases <sup>c</sup>	26	299	23	10	360
	Rate <sup>d</sup>	90.4	2,257.1	216.8	77.1	549.0
	Ratio (1 in X) <sup>e</sup>	1,105	44	461	1,297	182
40-49	Population <sup>b</sup>	44,763	14,281	10,285	12,622	81,951
	Cases <sup>c</sup>	33	244	21	8	309
	Rate <sup>d</sup>	73.7	1,708.6	204.2	63.4	377.1
	Ratio (1 in X) <sup>e</sup>	1,356	58	489	1,577	265
50-59	Population <sup>b</sup>	45,911	10,380	6,738	10,390	73,419
	Cases <sup>c</sup>	23	140	5	1	172
	Rate <sup>d</sup>	50.1	1,348.7	74.2	9.6	234.3
	Ratio (1 in X) <sup>e</sup>	1,996	74	1,347	10,390	426
60+	Population <sup>b</sup>	65,229	10,793	6,723	10,573	93,318
	Cases <sup>c</sup>	10	36	3	1	52
	Rate <sup>d</sup>	15.3	333.5	44.6	9.5	55.7
	Ratio (1 in X) <sup>e</sup>	6,522	299	2,241	10,573	1,794
TOTAL FEMALES BY RACE/ ETHNICITY	Population <sup>b</sup>	267,166	80,236	66,674	74,088	488,164
	Cases <sup>c</sup>	109	831	64	21	1,035
	Rate <sup>d</sup>	40.8	1,035.7	96.0	28.3	212.0
	Ratio (1 in X) <sup>e</sup>	2,451	96	1,041	3,528	471

a Includes missing race/ethnicity

b Population is from the July 1, 2007 Census Population Estimates

c During the transition to name-based HIV reporting, not all code-based HIV cases were located and re-reported, therefore the number of living HIV cases without AIDS and the total living HIV cases are lower than previously reported

d Rate is number of cases per 100,000 population

e Ratio is number of people per case (there was 1 case for every 471 females in Montgomery County)

## Section IX – HIV and AIDS Case Diagnoses by Exposure Category, Age, and Gender, 2007

Reported HIV Cases with or without an AIDS Diagnosis, Diagnosed with HIV during 1/1/07-12/31/07 (Reported HIV Diagnoses) and Reported HIV Cases with an AIDS Diagnosis, Diagnosed with AIDS during 1/1/07-12/31/07 (Reported AIDS Diagnoses) as Reported by Name through 12/31/08

ALL AGES ALL GENDERS EXPOSURE CATEGORY	Reported HIV Diagnoses <sup>a</sup>		Reported AIDS Diagnoses	
	No.	%	No.	%
Men who have Sex with Men (MSM)	55	29.4%	21	24.7%
Injection Drug Users (IDU)	12	6.4%	4	4.7%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	2	1.1%	1	1.2%
Heterosexual Exposure (HET)	117	62.6%	59	69.4%
Other Exposures	1	0.5%	0	0.0%
No Reported Exposure <sup>b</sup>	218		69	
TOTAL	405	100.0%	154	100.0%

ADULT/ADOLESCENT (AGE 13+ AT DIAGNOSIS) MALES EXPOSURE CATEGORY	Reported HIV Diagnoses <sup>a</sup>		Reported AIDS Diagnoses	
	No.	%	No.	%
Men who have Sex with Men (MSM)	55	50.0%	21	44.7%
Injection Drug Users (IDU)	9	8.2%	3	6.4%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	2	1.8%	1	2.1%
Heterosexual Exposure (HET)	44	40.0%	22	46.8%
Other Exposures	0	0.0%	0	0.0%
No Reported Exposure <sup>b</sup>	122		43	
TOTAL ADULT/ADOLESCENT MALES	232	100.0%	90	100.0%

ADULT/ADOLESCENT (AGE 13+ AT DIAGNOSIS) FEMALES EXPOSURE CATEGORY	Reported HIV Diagnoses <sup>a</sup>		Reported AIDS Diagnoses	
	No.	%	No.	%
Injection Drug Users (IDU)	3	3.9%	1	2.6%
Heterosexual Exposure (HET)	73	96.1%	37	97.4%
Other Exposures	0	0.0%	0	0.0%
No Reported Exposure <sup>b</sup>	96		26	
TOTAL ADULT/ADOLESCENT FEMALES	172	100.0%	64	100.0%

a During the transition to name-based HIV reporting, many reported HIV cases were identified by a recent HIV diagnosis, but not by their earliest HIV diagnosis, resulting in an over-reporting of HIV diagnoses in recent years

b Cases with no reported exposure category were excluded from percent distributions

## Section X – Living HIV and AIDS Cases by Exposure Category, Age, and Gender, Alive on 12/31/2007

Reported HIV Cases with or without an AIDS Diagnosis and Not Reported to Have Died as of 12/31/07 as Reported by Name through 12/31/08

ALL AGES ALL GENDERS EXPOSURE CATEGORY	Living HIV Cases without AIDS <sup>a</sup>		Living HIV Cases with AIDS		Total Living HIV Cases <sup>a</sup>	
	No.	%	No.	%	No.	%
Men who have Sex with Men (MSM)	250	36.9%	438	34.7%	688	35.4%
Injection Drug Users (IDU)	55	8.1%	150	11.9%	205	10.6%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	7	1.0%	39	3.1%	46	2.4%
Heterosexual Exposure (HET)	353	52.1%	606	47.9%	959	49.4%
Other Exposures	12	1.8%	31	2.5%	43	2.2%
No Reported Exposure <sup>b</sup>	438		363		801	
TOTAL	1,115	100.0%	1,627	100.0%	2,742	100.0%

ADULT/ADOLESCENT (AGE 13+ AT DIAGNOSIS) MALES EXPOSURE CATEGORY	Living HIV Cases without AIDS <sup>a</sup>		Living HIV Cases with AIDS		Total Living HIV Cases <sup>a</sup>	
	No.	%	No.	%	No.	%
Men who have Sex with Men (MSM)	250	60.4%	438	53.4%	688	55.8%
Injection Drug Users (IDU)	37	8.9%	100	12.2%	137	11.1%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	7	1.7%	39	4.8%	46	3.7%
Heterosexual Exposure (HET)	116	28.0%	230	28.0%	346	28.0%
Other Exposures	4	1.0%	13	1.6%	17	1.4%
No Reported Exposure <sup>b</sup>	237		227		464	
TOTAL ADULT/ADOLESCENT MALES	651	100.0%	1,047	100.0%	1,698	100.0%

ADULT/ADOLESCENT (AGE 13+ AT DIAGNOSIS) FEMALES EXPOSURE CATEGORY	Living HIV Cases without AIDS <sup>a</sup>		Living HIV Cases with AIDS		Total Living HIV Cases <sup>a</sup>	
	No.	%	No.	%	No.	%
Injection Drug Users (IDU)	18	6.9%	50	11.3%	68	9.7%
Heterosexual Exposure (HET)	237	91.5%	376	85.3%	613	87.6%
Other Exposures	4	1.5%	15	3.4%	19	2.7%
No Reported Exposure <sup>b</sup>	197		135		332	
TOTAL ADULT/ADOLESCENT FEMALES	456	100.0%	576	100.0%	1,032	100.0%

- a During the transition to name-based HIV reporting, not all code-based HIV cases were located and re-reported, therefore the number of living HIV cases without AIDS and the total living HIV cases are lower than previously reported
- b Cases with no reported exposure category were excluded from percent distributions